

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(freezer refrigerator) with ((load adj (drop dropping)) low adj voltage) and (multiple plural) with loads	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 17:17
L2	1	(freezer refrigerator) with ((load adj (drop dropping)) low adj voltage) and (multiple plural) with loads	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 17:17
L3	27	(freezer refrigerator) and ((load adj (drop dropping)) low adj voltage) and (multiple plural) with loads	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 17:20
L4	167	(freezer refrigerator).ti. and ((load adj (drop dropping)) low adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 17:21
L5	9	4 and (integrated adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 17:21
S1	2	("6239510").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:08
S2	5	("3770977"   "3980943"   "4890212"   "5172008"   "5943278").PN. OR ("6239510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/27 16:26
S3	42081	compensat\$4 with load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:35

## EAST Search History

S4	6681	S3 and low with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:35
S5	47	S4 and (freezer refrigerator frigerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 17:16
S6	17275	compensat\$4 near3 load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:00
S7	1658	S6 and low near2 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:36
S8	1592	S7 and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:38
S9	96	S8 and (freezer refrigerator frigerator appliance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:38
S10	83	S9 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:43
S11	185629	low adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:43

## EAST Search History

S12	1525	S11 and (freezer refrigerator frigerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:28
S14	1106	S12 and (switch switching swithches switched)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:54
S15	152	S14 and (pulse adj width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 16:54
S16	10787	(compensat\$4 variable) adj load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:00
S17	683	S16 and low adj voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:01
S18	146	S17 and (pulse adj width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:13
S19	1397	load adj (dump dumping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:14
S20	553	S19 and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:14

## EAST Search History

S21	11	S19 and (freezer refrigerator frigerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 17:28
S22	586	compensating adj load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:01
S23	140	S22 same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:01
S24	54	S23 and low\$3 with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:09
S25	2531	(freezer refrigerator) and (low\$3 with voltage) and current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:55
S26	240	S25 and (pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:40
S28	3787	(voltage near3 sens\$4) same (constant near2 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:41
S29	2230	S28 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:54

## EAST Search History

S30	1309	S29 and load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:54
S31	210	S30 and (pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:54
S32	3	S31 and (freezer refrigerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:55
S33	224	compensating adj load	USPAT	OR	ON	2006/03/28 10:01
S34	40	S33 same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:01
S35	5695	load near3 (dump dumping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:02
S36	0	S33 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:57
S37	6	S28 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:00
S38	14151	(voltage near3 sens\$4) and (constant near2 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:59

## EAST Search History

S39	23	S38 and S35 not S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:03
S40	1117	307/140.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:03
S41	58102	(pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:49
S42	28843	S41 and voltage same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:41
S43	311	S41 and (voltage near3 sens\$4) same (constant near2 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:11
S44	1750	S41 and (voltage near3 sens\$4) and (constant near2 current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:42
S45	19	S44 and 307/11-42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:49
S46	934	(pulse adj width adj modula\$5) with ((constant adj current) (low adj voltage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:07

## EAST Search History

S47	6	S46 and 307/11-42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:49
S48	525	S46 and (low adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:52
S49	462	S48 and (switch switched switching)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:52
S50	46	S35 and "307"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:02
S51	1	S33 same (pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:09
S52	13	S33 and (pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:21
S54	389	(low adj voltage) with (pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 12:10
S55	60	(voltage near3 sens\$4) same (constant near2 current) same (pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:18

## EAST Search History

S56	1053	307/38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:20
S57	2824	(constant adj current) same (voltage near3 sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:21
S58	46	S57 same (pulse adj width adj modula\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:25
S60	3	voltage adj (dump dumping) same (low adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:26
S61	3	(voltage adj (dump dumping)) same (low adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:28
S62	71	(voltage adj (dump dumping))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:27
S63	33	(load adj (dump dumping)) same (low adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:31
S64	11	(load adj (dump dumping)) and (freezer refrigerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 13:31
S65	5	("3770977"   "3980943"   "4890212"   "5172008"   "5943278").PN. OR ("6239510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 15:10



## EAST Search History

S66	243192	integrated adj circuit	USPAT	OR	ON	2006/03/28 15:17
S67	27085	S66 and voltage with sens\$4	USPAT	OR	ON	2006/03/28 15:11
S68	18457	S67 and switch	USPAT	OR	ON	2006/03/28 15:12
S70	13520	S68 and voltage with (below minimum low)	USPAT	OR	ON	2006/03/28 15:13
S71	43	S70 and (load adj (dump dumping))	USPAT	OR	ON	2006/03/28 15:15
S72	132	S66 and (load adj (dump dumping))	USPAT	OR	ON	2006/03/28 15:15
S73	24	S70 and (load adj (dump dumping)) same (voltage with (below minimum low))	USPAT	OR	ON	2006/03/28 15:15
S75	708	S66 and (((under low) adj voltage) with protection)	USPAT	OR	ON	2006/03/28 15:18
S76	128	S66 and (((under low) adj voltage) with protection) same (switch switched drop dropped dump dumped)	USPAT	OR	ON	2006/03/28 15:26
S77	57	S76 and voltage near2 (sense sensing sensor)	USPAT	OR	ON	2006/03/28 15:20
S78	92	S66 and ((low adj voltage) with protection) same (switch switched drop dropped dump dumped)	USPAT	OR	ON	2006/03/28 15:42
S79	1	(low adj voltage) with protection with switch with load same (voltage adj2 sens\$4)	USPAT	OR	ON	2006/03/28 15:55
S80	37	(integrated adj circuit) same (loads with switches)	USPAT	OR	OFF	2006/03/28 15:58
S81	1	(integrated adj circuit) same ((multiple plural) with loads with switches)	USPAT	OR	OFF	2006/03/28 15:59
S82	21	(integrated adj circuit) same ((multiple plural) with loads with switches)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 16:00
S84	0	(integrated adj circuit) same (controllable adj loads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:01
S85	1	(integrated adj circuit) same (controllable near3 loads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:01

## EAST Search History

S86	8	307/11-42.ccls. and (integrated adj circuit) with switch with load	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 16:02
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